

इंटरनेट

मानक

Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

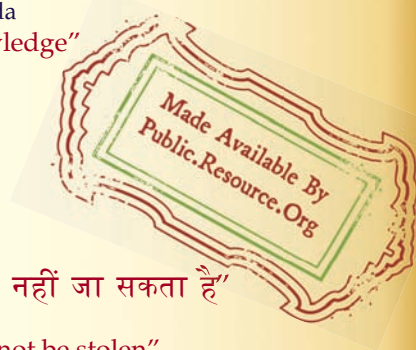
IS 9416 (1980): Bladder sound [MHD 1: Surgical Instruments]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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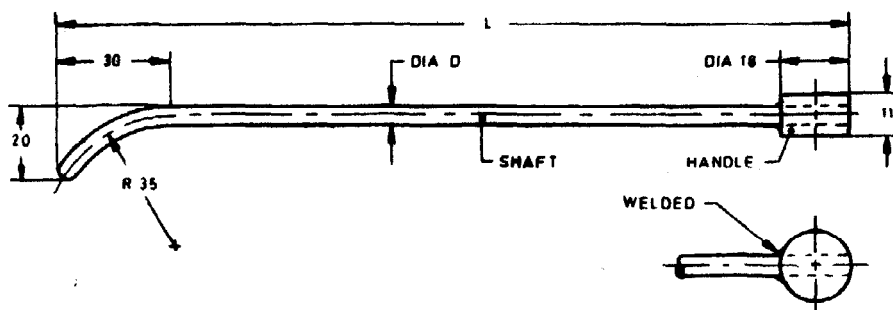
Indian Standard

(Reaffirmed 1998)

SPECIFICATION FOR BLADDER SOUND

1. Scope — Dimensional and other requirements for bladder sound used in general and paediatric surgery.

2. Shape and Dimensions — As shown in Fig. 1.



Size	Dia D	L
1	3	150
2	4	180
3	5	210
4	6	240
5	7	270

All dimensions in millimetres.

FIG. 1 BLADDER SOUND

3. Material — Stainless steel conforming to designation 20Cr13 of IS : 6603-1972 'Specification for stainless steel bars and flats'.

4. Workmanship and Finish

4.1 All surfaces shall be free from burrs, pits, cracks and other surface defects.

4.2 The tip and the shaft shall be smoothly rounded.

4.3 Handle and shaft of the sound shall be finished smooth, polished bright and passivated.

4.4 The bladder sound shall be hardened and tempered to give hardness of 320 to 370 HV.

5. Tests

5.1 Flexibility — Grip the shaft firmly in a vice close to its joint with the handle protruding out. Try to rotate the handle by gripping it between the index finger and the thumb of one hand. Handle shall not rotate or show any damage.

5.1.1 Grip the shaft firmly in a vice close to angled portion horizontally so that rest of the shaft above angled portion protrudes out. Suspend a weight at the joint gradually increasing to 20N (2.0 kgf approximately) and allow it to act for two minutes. Release the load. No permanent set shall be allowed.

5.2 Corrosion Resistance — Test the sample in accordance with IS : 7531 - 1975 'Method for boiling and autoclaving test for corrosion resistance of stainless steel surgical instruments'. It shall show no sign of corrosion after the test.

Adopted 18 February 1980

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6. Marking — Each instrument shall be marked with the manufacturer's name, initials or recognized trade-mark.

6.1 ISI Certification Marking — Details available with the Indian Standards Institution.

7. Packing — The instrument shall be wrapped in moisture-proof paper or packed in polyethylene bags avoiding contact with one another.